

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036950.D
 Acq On : 11 Aug 2023 18:51
 Operator : JC/MD
 Sample : 03972-03
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 356

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/14/2023
 Supervised By : Mahesh Dadoda 08/15/2023

Quant Time: Aug 11 23:05:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	100731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184743	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70531	47.322	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.640%		
35) Dibromofluoromethane	5.385	113	56390	44.408	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.820%		
50) Toluene-d8	8.647	98	222935	49.507	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.020%		
62) 4-Bromofluorobenzene	11.085	95	94369	55.546	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.100%		
Target Compounds						
						Qvalue
16) Acetone	2.435	43	7568m	12.236	ug/l	
18) Methyl Acetate	2.733	43	3950m	1.518	ug/l	
25) 2-Butanone	4.623	43	2564m	2.555	ug/l	
68) m/p-Xylenes	10.299	106	6239	2.321	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	9984	1.570	ug/l	98
86) p-Isopropyltoluene	12.012	119	6518	1.017	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	11674	6.123	ug/l #	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

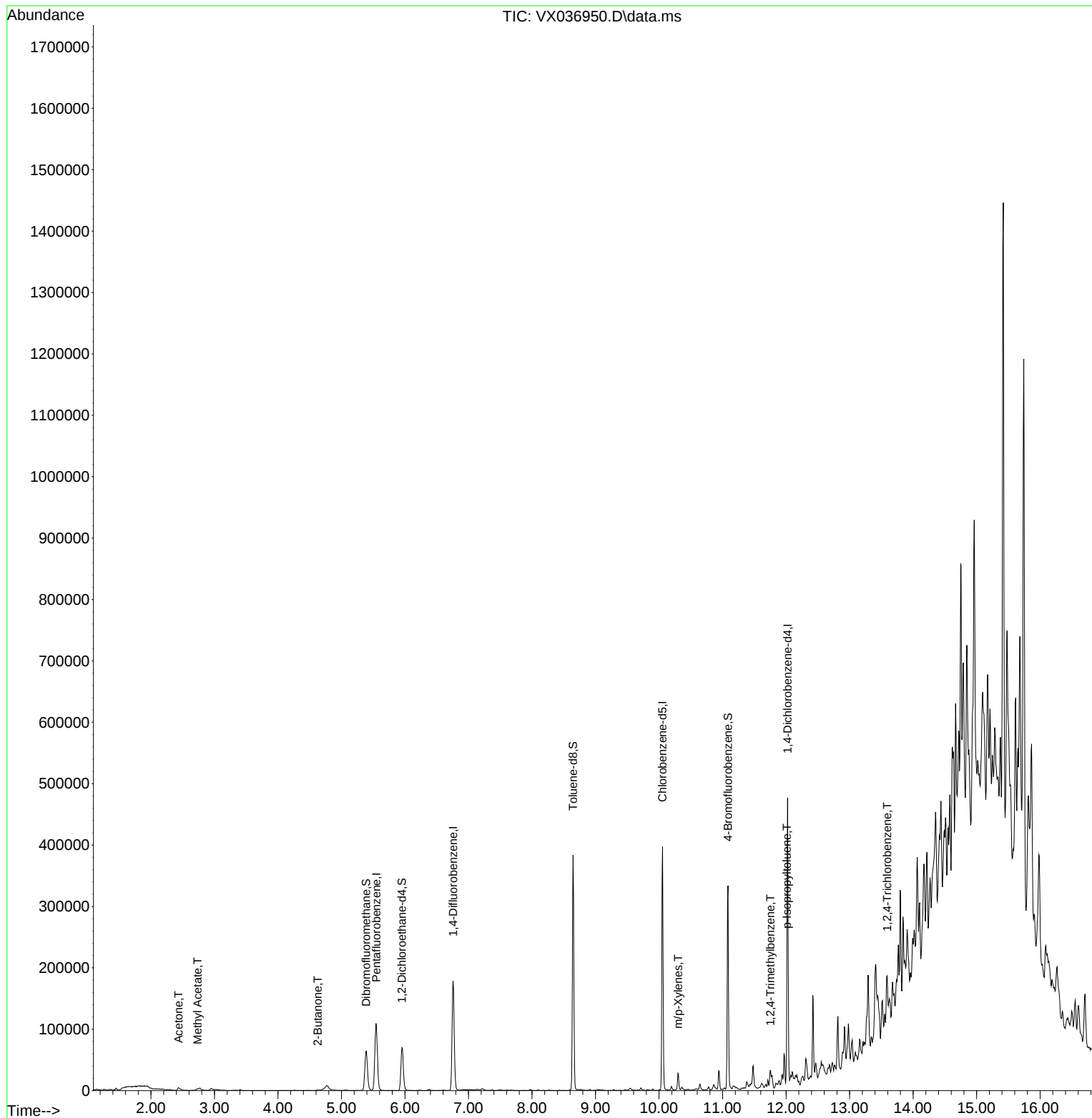
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
Data File : VX036950.D
Acq On : 11 Aug 2023 18:51
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Sample : 03972-03
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ALS Vial : 24 Sample Multiplier: 1

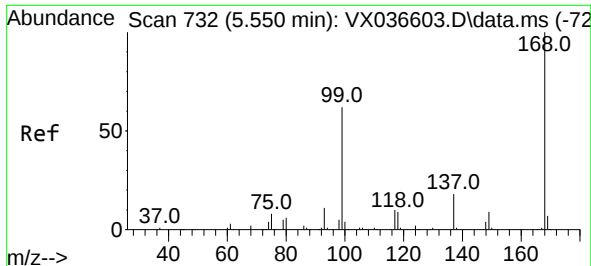
Instrument :
MSVOA_X
ClientSampleId :
356

Manual Integrations
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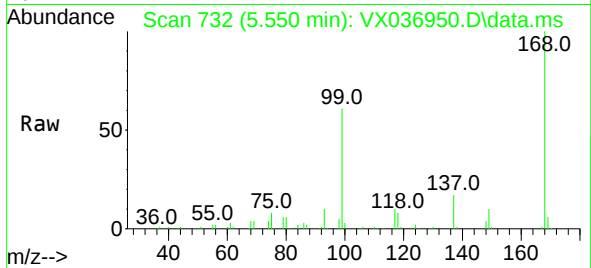
Quant Time: Aug 11 23:05:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036950.D
Acq: 11 Aug 2023 18:51

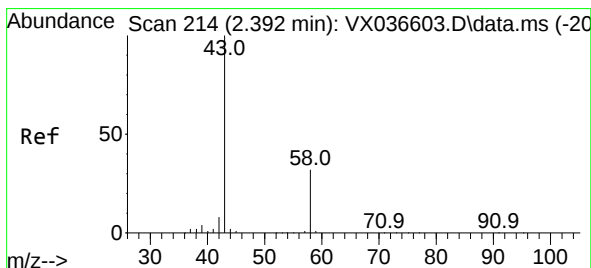
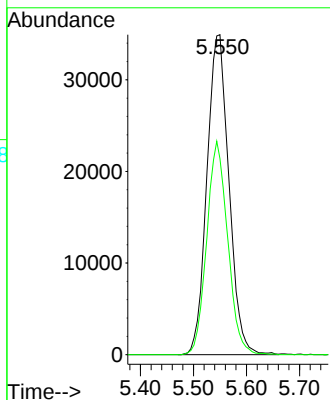
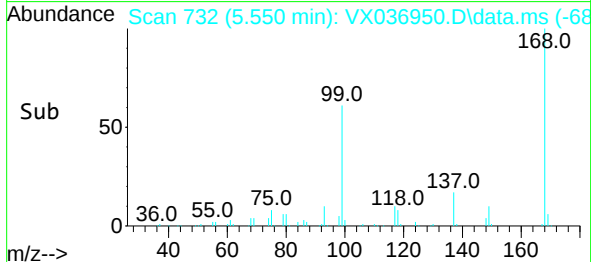
Instrument :
MSVOA_X
ClientSampleId :
356



Tgt Ion:168 Resp: 10073
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0

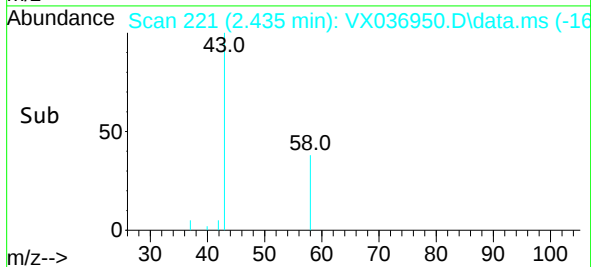
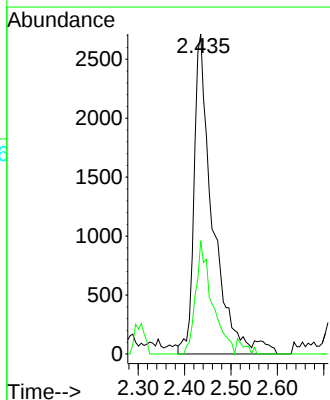
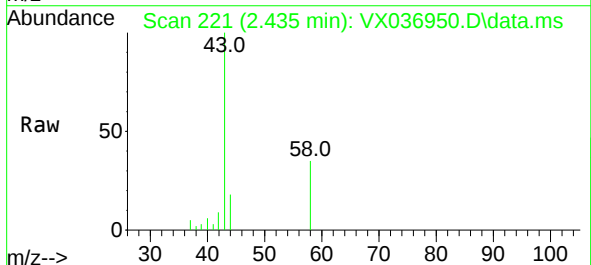
Manual Integrations
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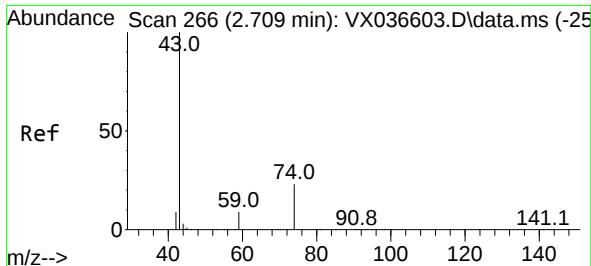
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#16
Acetone
Concen: 12.236 ug/l m
RT: 2.435 min Scan# 221
Delta R.T. 0.043 min
Lab File: VX036950.D
Acq: 11 Aug 2023 18:51

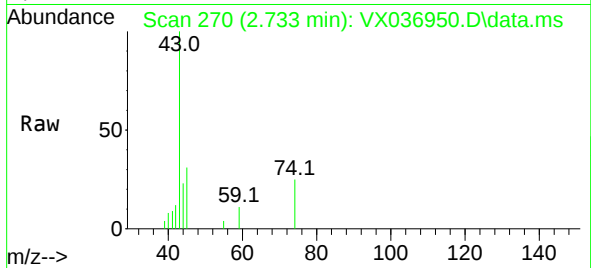
Tgt Ion: 43 Resp: 7568
Ion Ratio Lower Upper
43 100
58 35.4 21.9 32.9#





#18
Methyl Acetate
Concen: 1.518 ug/l m
RT: 2.733 min Scan# 21
Delta R.T. 0.025 min
Lab File: VX036950.D
Acq: 11 Aug 2023 18:51

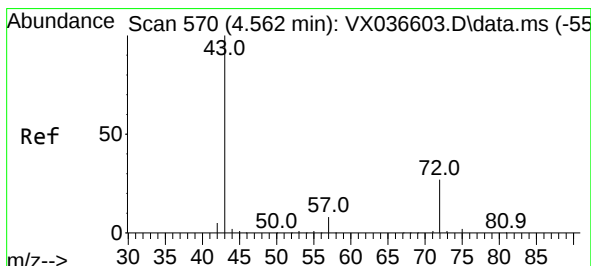
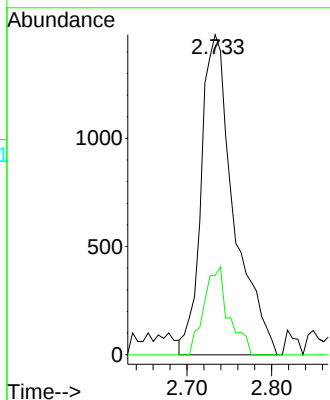
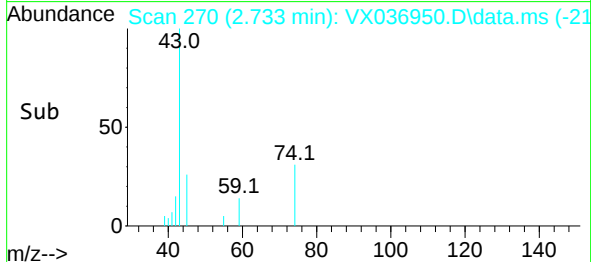
Instrument :
MSVOA_X
ClientSampleId :
356



Tgt Ion: 43 Resp: 3950
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8

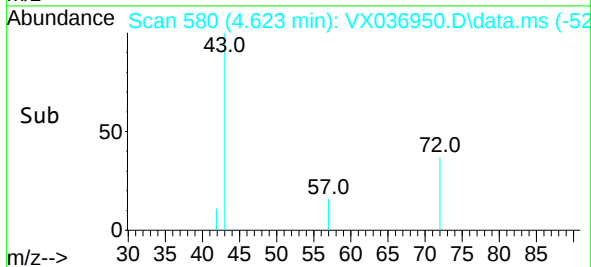
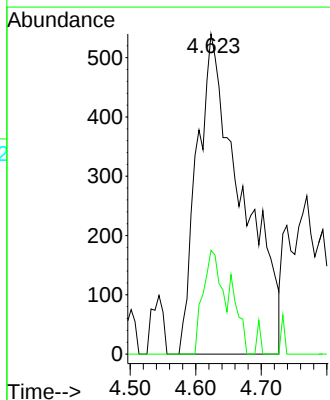
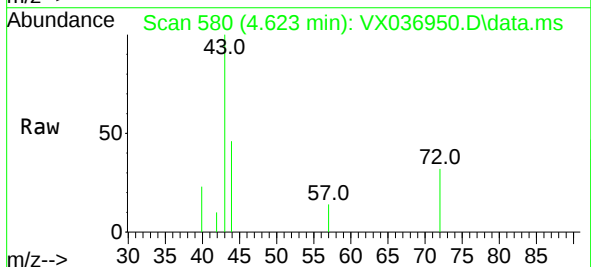
Manual Integrations
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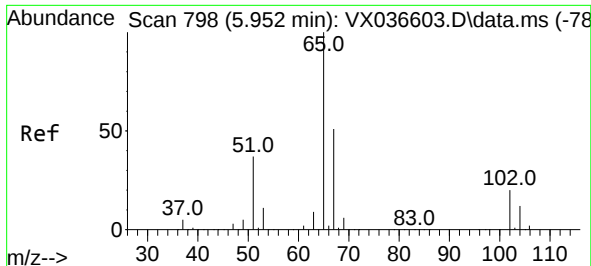
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#25
2-Butanone
Concen: 2.555 ug/l m
RT: 4.623 min Scan# 580
Delta R.T. 0.061 min
Lab File: VX036950.D
Acq: 11 Aug 2023 18:51

Tgt Ion: 43 Resp: 2564
Ion Ratio Lower Upper
43 100
72 32.4 19.4 29.2#





#33

1,2-Dichloroethane-d4

Concen: 47.322 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX036950.D

Acq: 11 Aug 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

356

Tgt Ion: 65 Resp: 7053

Ion Ratio Lower Upper

65 100

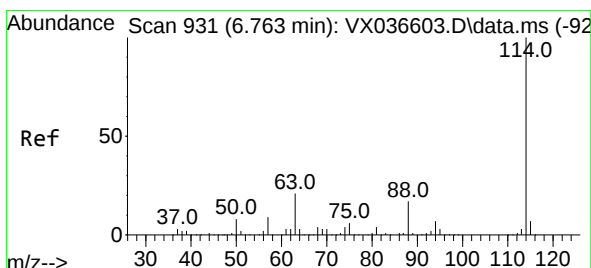
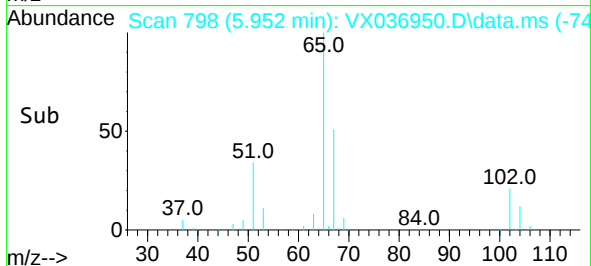
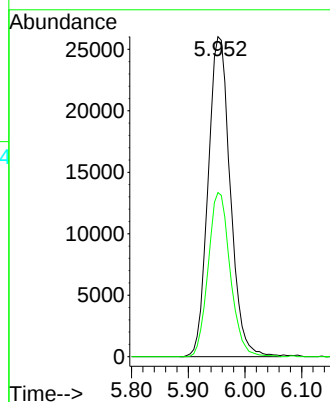
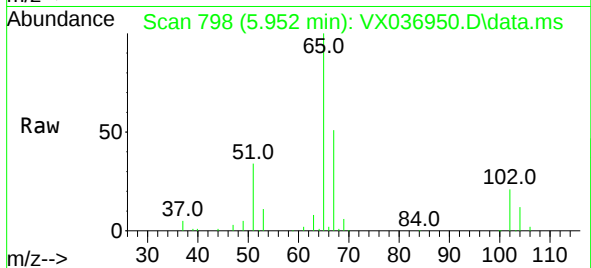
67 51.1 0.0 100.2

Manual Integrations

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Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036950.D

Acq: 11 Aug 2023 18:51

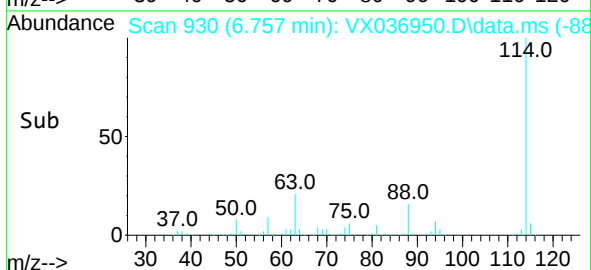
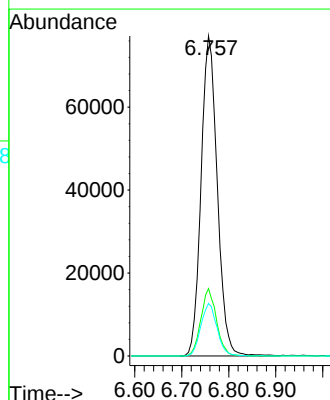
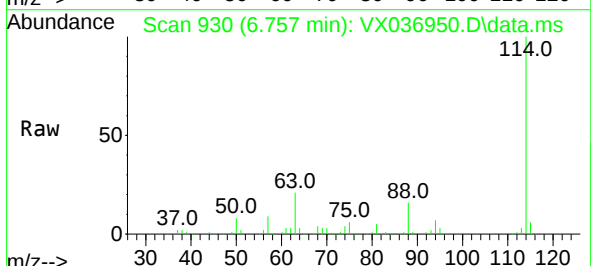
Tgt Ion:114 Resp: 184743

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

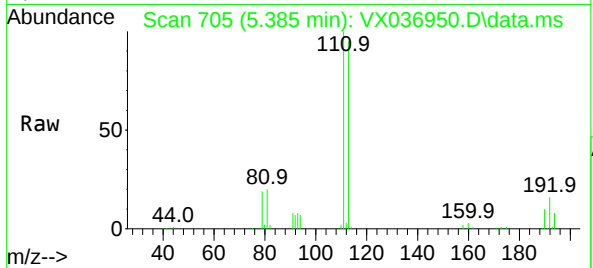
88 16.4 0.0 36.6





#35
Dibromofluoromethane
Concen: 44.408 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036950.D
Acq: 11 Aug 2023 18:51

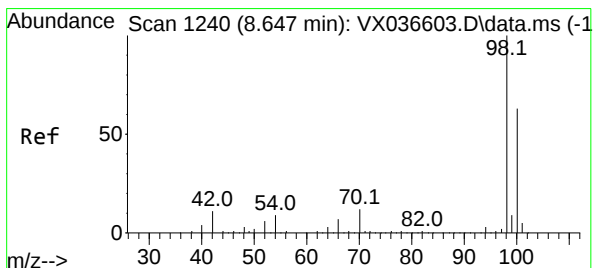
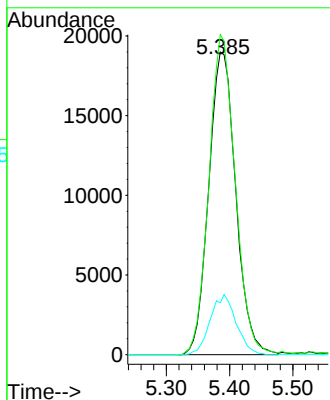
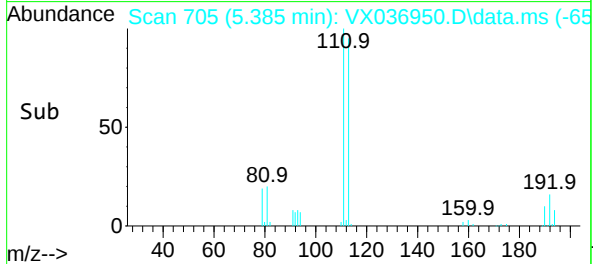
Instrument :
MSVOA_X
ClientSampleId :
356



Tgt Ion: 113 Resp: 56390
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 19.0 13.3 19.9

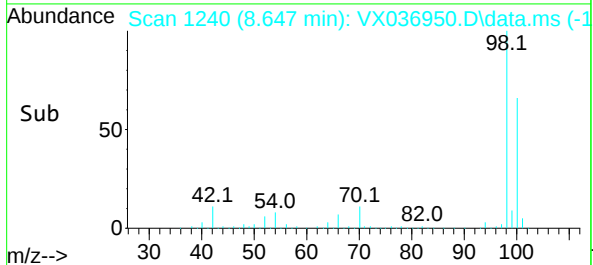
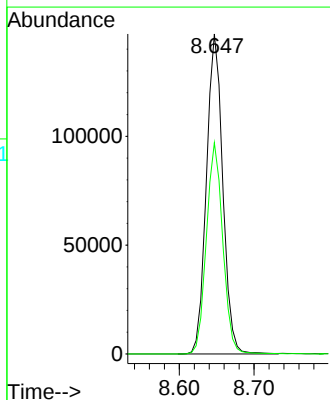
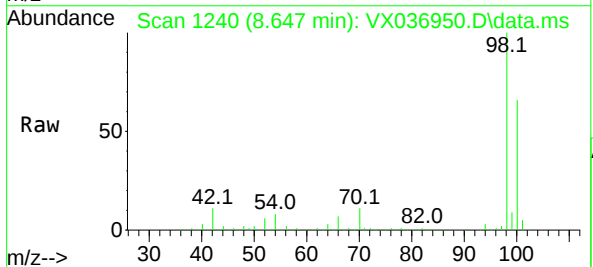
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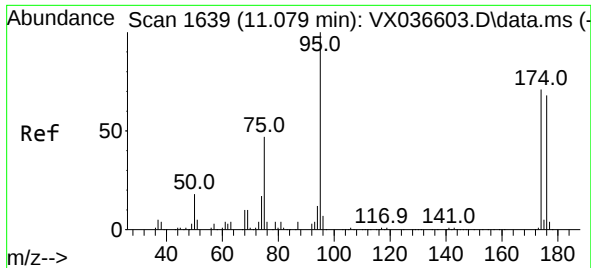
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#50
Toluene-d8
Concen: 49.507 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036950.D
Acq: 11 Aug 2023 18:51

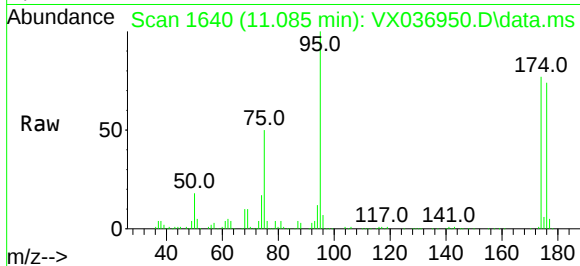
Tgt Ion: 98 Resp: 222935
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7





#62
4-Bromofluorobenzene
Concen: 55.546 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX036950.D
Acq: 11 Aug 2023 18:51

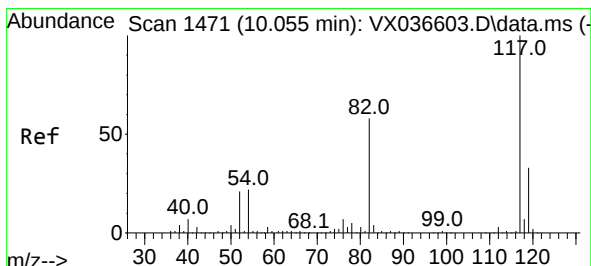
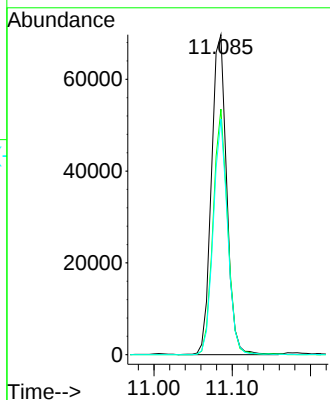
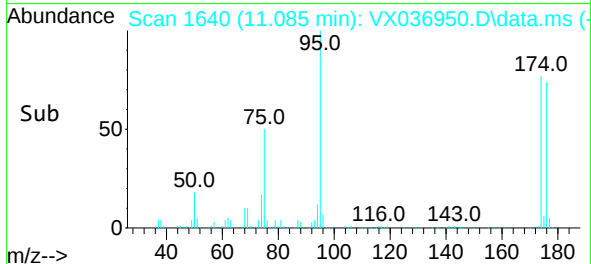
Instrument :
MSVOA_X
ClientSampleId :
356



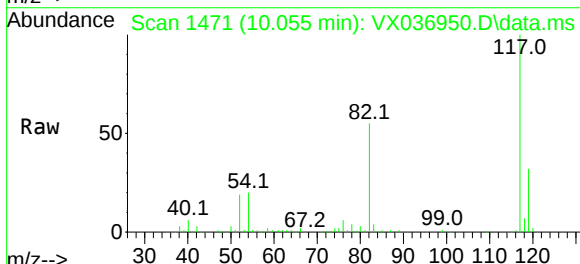
Tgt Ion: 95 Resp: 94369
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 69.4 0.0 131.0

Manual Integrations
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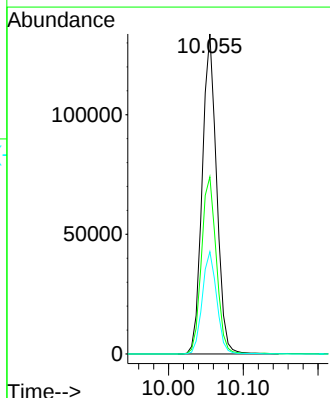
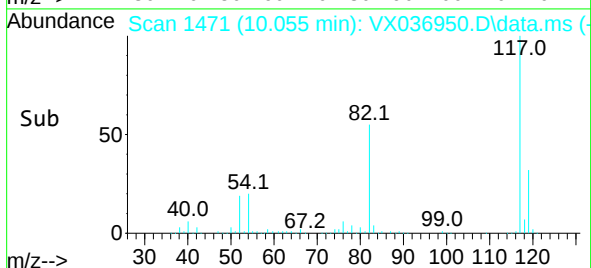
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

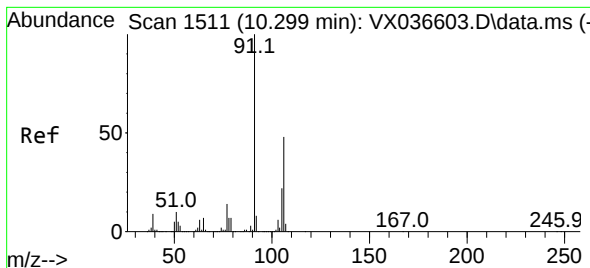


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036950.D
Acq: 11 Aug 2023 18:51



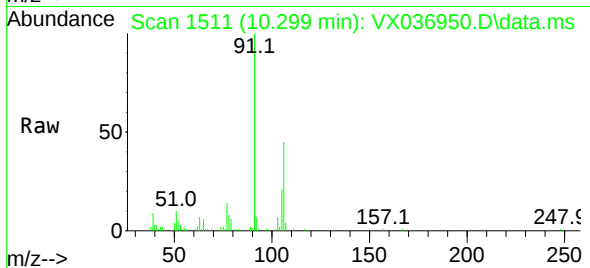
Tgt Ion:117 Resp: 178879
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 31.9 25.5 38.3





#68
m/p-Xylenes
Concen: 2.321 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036950.D
Acq: 11 Aug 2023 18:51

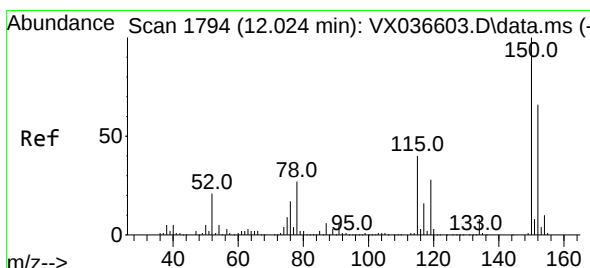
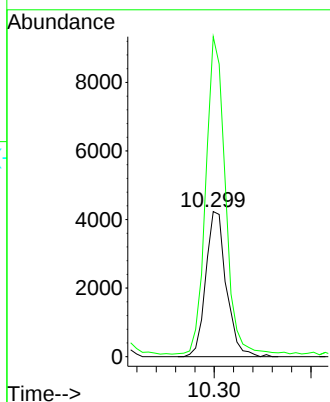
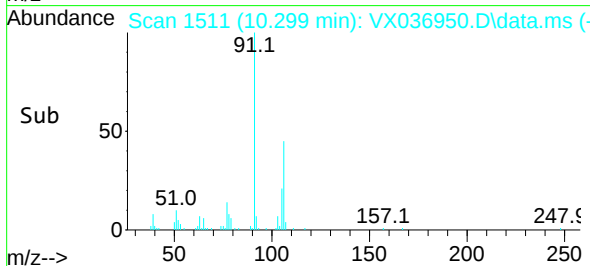
Instrument :
MSVOA_X
ClientSampleId :
356



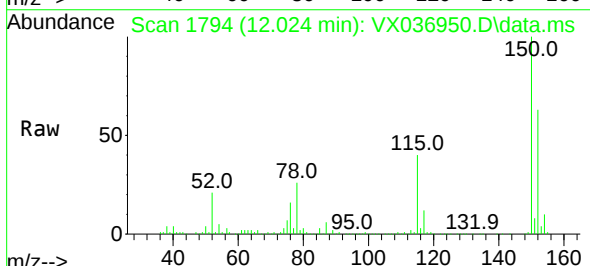
Tgt Ion:106 Resp: 6239
Ion Ratio Lower Upper
106 100
91 210.9 165.5 248.3

Manual Integrations
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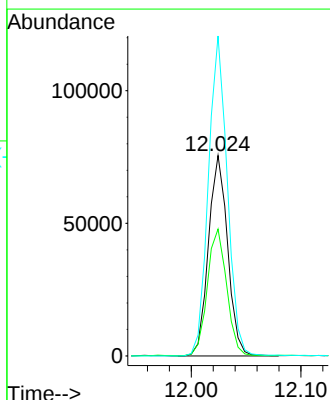
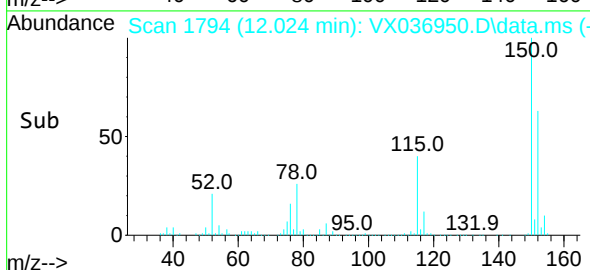
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

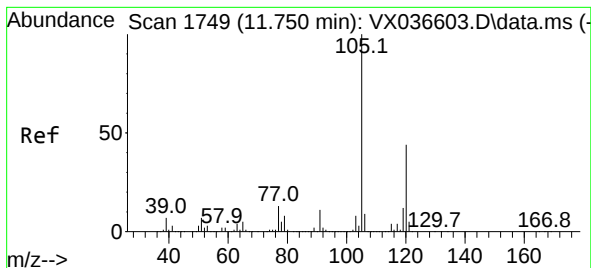


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036950.D
Acq: 11 Aug 2023 18:51



Tgt Ion:152 Resp: 91872
Ion Ratio Lower Upper
152 100
115 63.7 43.3 129.9
150 157.7 0.0 345.0





#84

1,2,4-Trimethylbenzene

Concen: 1.570 ug/l

RT: 11.756 min Scan# 11750

Delta R.T. 0.006 min

Lab File: VX036950.D

Acq: 11 Aug 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

356

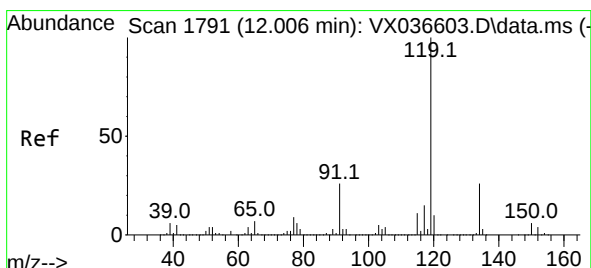
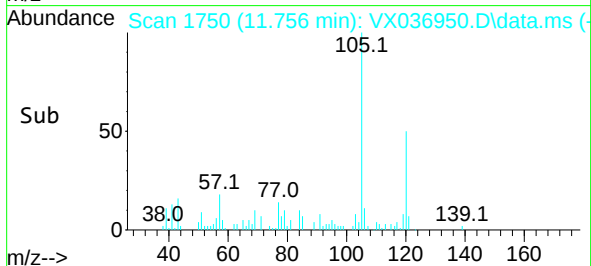
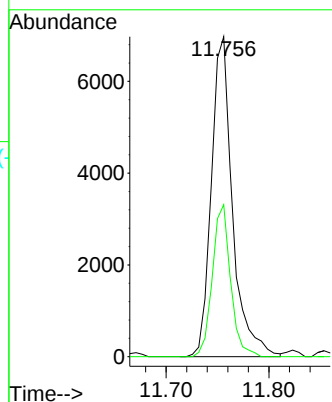
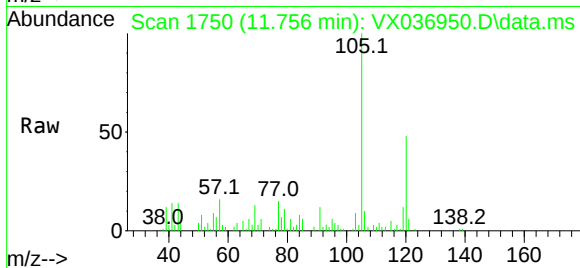
Tgt Ion:105 Resp: 9984
 Ion Ratio Lower Upper
 105 100
 120 40.8 21.2 63.6

Manual Integrations

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Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#86

p-Isopropyltoluene

Concen: 1.017 ug/l

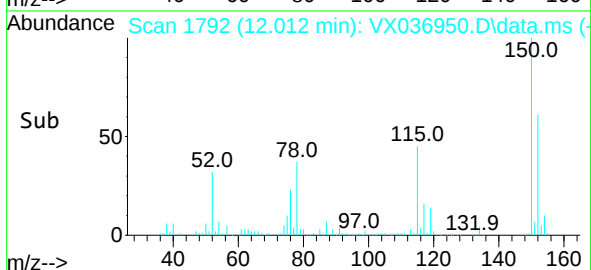
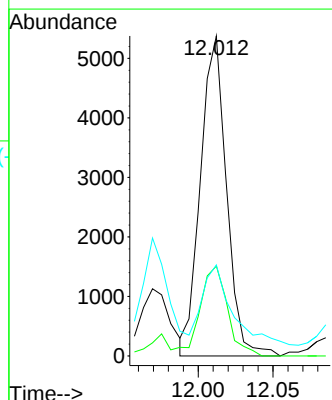
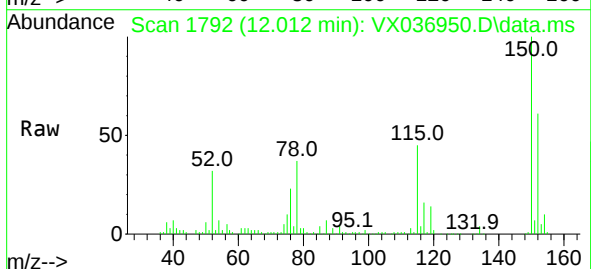
RT: 12.012 min Scan# 1792

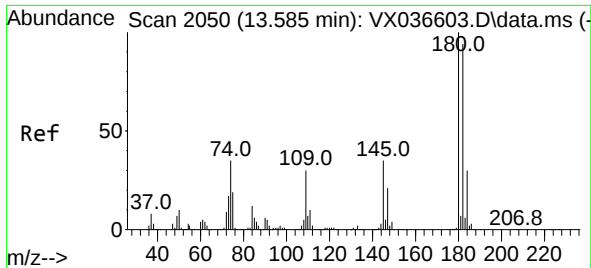
Delta R.T. 0.006 min

Lab File: VX036950.D

Acq: 11 Aug 2023 18:51

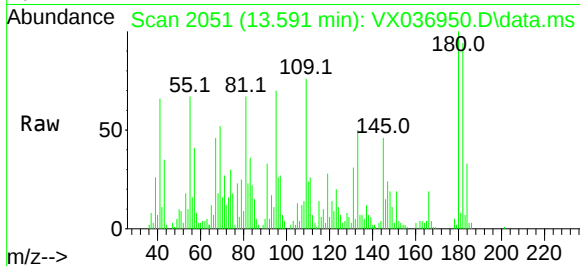
Tgt Ion:119 Resp: 6518
 Ion Ratio Lower Upper
 119 100
 134 29.7 12.8 38.3
 91 29.0 13.1 39.3





#93
 1,2,4-Trichlorobenzene
 Concen: 6.123 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX036950.D
 Acq: 11 Aug 2023 18:51

Instrument :
 MSVOA_X
 ClientSampleId :
 356



Tgt Ion:180 Resp: 11674
 Ion Ratio Lower Upper
 180 100
 182 97.1 48.3 144.8
 145 60.4 18.0 54.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/14/2023
 Supervised By :Mahesh Dadoda 08/15/2023

